

### **Abstract**

A method for high level dynamic hot code generation. A class file container object is first created. Methods and code are then added to the class file container object. Byte code is then generated from the populated class file container object. From the byte code, instances of the new class object can be generated. The program code generator is configured to generate code at a programming language construct level, thereby working at a level of program language statements, expressions, variables, and other constructs.